IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with <u>underlining</u> and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 5, 8, 9, 12, 23, 30, and 32, ADD new claim 33, and AMEND claims 1, 10, 11, 18, 19, 26, 27, 28, 29, and 31 in accordance with the following:

1.   (CURRENTLY AMENDED) A method of recording an audio/video (A/V) signal, comprising:

selecting a category item for the A/V signal;

storing category information about the A/V signal, the category information including the category item; <u>-</u>~~and~~

<u>determining a compression ratio for the A/V signal according to the category item selected for the A/V signal; and</u>

recording the A/V signal to a storage medium<u>, which is compressed at the compression ratio</u>.

2.   (ORIGINAL) The method of claim 1, wherein the category information is stored in a memory provided separately from the storage medium.

3.   (ORIGINAL) The method of claim 1, wherein the category information is stored in the storage medium together with the A/V signal.

4.   (ORIGINAL) The method of claim 1, wherein the category item selecting, comprises :

extracting feature information in which a category of the A/V signal is seized;

comparing the feature information with a predetermined category list; and

selecting the category item for the A/V signal based on a result of the comparison.

5.   (CANCELED)

6.   (ORIGINAL) The method of claim 1, wherein the category item is selected by a

user.

7.   (ORIGINAL) The method of claim 1, further comprising:

allowing a user to add a category item.

8-9.   (CANCELED)

10.   (CURRENTLY AMENDED) A method of searching a storage medium, which stores one or more audio/video (A/V) signals, for one of the A/V signals, comprising:

displaying, when a user inputs a category item to be searched for through a graphic user interface, a list of the one or more A/V signals falling under the category item among the one or more A/V signals stored in the storage medium; and

searching, when the A/V signal to be searched for is selected from the displayed list of one or more A/V signals, the storage medium for the selected A/V signal,

wherein, the A/V signal is compressed at a compression ratio determined based on the category item of the A/V signal when recording the A/V signal to the storage medium.

11.   (CURRENTLY AMENDED) An apparatus for recording an audio/video (A/V) signal, comprising:

a first storage medium storing one or more A/V signals;

a demultiplexing processor demultiplexing one of the input A/V signals, extracting feature information in which a category of the input A/V signal is seized, and transmitting the input A/V signal to the first storage medium;

a controller selecting and storing a category item for the input A/V signal based on the feature information provided from the demultiplexing processor and controlling the demultiplexing processor to record the input A/V signal to the first storage medium; and

a second storage medium storing category information including the category item,

wherein the controller determines a compression ratio for the input A/V signal according to the category item and provides information on the determined compression ratio to the demultiplexing processor, and the demultiplexing processor compresses the input A/V signal at the compression ratio and transmits the compressed A/V signal to the first storage medium.

12.   (CANCELED)

13.   (ORIGINAL) An apparatus of claim 11, wherein the feature information extracted by the demultiplexing processor is system information (SI) contained in the input A/V signal, or additional information received together with the input A/V signal.

14.   (ORIGINAL) An apparatus of claim 13, wherein the SI comprises extended text table (ETT) information, extended channel name descriptor (ECND) information, and network text table information provided from a Program and System Information Protocol (PSIP) or Out-Of-Band System Information (OOBSI).

15.   (ORIGINAL) An apparatus of claim 13, wherein the SI is used when the input A/V signal is a digital signal.

16.   (ORIGINAL) An apparatus of claim 13, wherein the additional information is used when the input A/V signal is an analog signal.

17.   (ORIGINAL) An apparatus of claim 13, wherein the additional information received together with the input A/V signal, is received through the same channel or a different channel than the input A/V signal.

18.   (CURRENTLY AMENDED) An apparatus for searching a first storage medium, which stores one or more audio/video (A/V) signals, for one of the A/V signals, comprising:
        an information input unit inputting information pertaining to a request of searching for the A/V signal stored in the first storage medium;
        a second storage medium storing category information including a category list of the one or more A/V signals stored in the first storage medium;
        a display unit displaying the category list; and
        a controller reading the category list from the second storage medium and controlling the category list to be displayed on the display unit when the search request information is received from the information input unit, and when the A/V signal falling under a particular category item is selected from the displayed category list through the information input unit, reading the selected A/V signal from the first storage medium,
        wherein the category information comprises a name of a program and a date and time when the program is received.

19.   (CURRENTLY AMENDED) An apparatus for recording an audio/video (A/V) signal to a storage medium, comprising:

a selecting unit selecting a category item for the A/V signal;

a storing unit storing category information about the A/V signal, the category information including the category item; and

a recording unit recording the A/V signal to the storage medium,

wherein the recording unit comprises a determining unit determining a compression ratio for the A/V signal according to the category item selected for the A/V signal, the recording unit recording the A/V signal, which is compressed at the compression ratio, to the storage medium.

20.   (ORIGINAL) An apparatus according to claim 19, wherein the category information is stored in a memory provided separately from the storage medium.

21.   (ORIGINAL) An apparatus according to claim 19, wherein the category information is stored in the storage medium together with the A/V signal.

22.   (ORIGINAL) An apparatus according to claim 19, wherein the selective unit comprises:

an extracting unit extracting feature information in which a category of the A/V signal is seized; and

a comparing unit comparing the feature information with a predetermined category list, wherein the selecting unit selects the category item for the A/V signal based on a result of the comparison.

23.   (CANCELED)

24.   (ORIGINAL) An apparatus according to claim 19, wherein the category item is selected by a user.

25.   (ORIGINAL) An apparatus according to claim 19, further comprising:
an input unit to enable a user to add a category item.

26.   (CURRENTLY AMENDED) An apparatus for searching a storage medium, which

stores one or more audio/video (A/V) signals, for one of the A/V signals, comprising:

a display unit displaying, when a search for the A/V signal is requested, a category list of the one or more A/V signals stored in the storage medium, and, when a category item to be searched for is selected from the displayed category list, a list of the A/V signals falling under the category item; and

a reading unit reading, when the A/V signal is selected from the list of A/V signals, the selected A/V signal from the storage medium and displaying the selected A/V signal on the displaying unit,

wherein, the A/V signal is compressed at a compression ratio determined based on the category item of the A/V signal when recording the A/V signal to the storage medium.

27.   (CURRENTLY AMENDED) A method of searching a storage medium, which stores one or more audio/video (A/V) signals, for one of the A/V signals, comprising:

displaying, when a search for the A/V signal is requested, a category item for at least one of the A/V signals stored in the storage medium and a list of at least one of the A/V signals falling under the category item; and

searching, when the A/V signal to be searched for is selected from the displayed category item and A/V signal list, the storage medium for the selected A/V signal,-

wherein, the A/V signal is compressed at a compression ratio determined based on the category item of the A/V signal when recording the A/V signal to the storage medium.

28.   (CURRENTLY AMENDED) An apparatus for searching a storage medium, which stores one or more audio/video (A/V) signals, for one of the A/V signals, comprising:

a display unit displaying, when a user inputs a category item to be searched for through a graphic user interface, a list of the one or more A/V signals falling under the category item among the one or more A/V signals stored in the storage medium; and

a searching unit searching, when the A/V signal to be searched for is selected from the displayed list of one or more A/V signals, the storage medium for the selected A/V signal,

wherein, the A/V signal is compressed at a compression ratio determined based on the category item of the A/V signal when recording the A/V signal to the storage medium.

29.   (CURRENTLY AMENDED) A method comprising:

extracting a category item from an audio/video (A/V) signal to be recorded to a storage medium;

storing the extracted category item; and

searching for the A/V signal using the category item.

wherein, the A/V signal is compressed at a compression ratio determined based on the category item of the A/V signal when recording the A/V signal to the storage medium.

30.   (CANCELED)

31.   (CURRENTLY AMENDED) An apparatus comprising:

an extracting unit extracting a category item from an audio/video (A/V) signal to be recorded to a storage medium;

a storing unit storing the extracted category item; and

a searching unit searching for the A/V signal using the category item.

wherein, the A/V signal is compressed at a compression ratio determined based on the category item of the A/V signal when recording the A/V signal to the storage medium.

32.   (CANCELED)

33.   (NEW) The method of claim 1, wherein the category item comprises any one of drama and documentary.